

# STN Columbus

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
 NEWS 2 "Ask CAS" for self-help around the clock  
 NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated  
 and searchable  
 NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in  
 CA/Caplus  
 NEWS 5 FEB 05 German (DE) application and patent publication number format  
 changes  
 NEWS 6 MAR 03 MEDLINE and LMedLINE reloaded  
 NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
 NEWS 8 MAR 03 FRANCEPAT now available on STN  
 NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN  
 NEWS 10 MAR 29 WPIFV now available on STN  
 NEWS 11 MAR 29 No connect hour charges in WPIFV until May 1, 2004  
 NEWS 12 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA  
  
 NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
 AND CURRENT DISCOVER FILE IS DATED 13 APRIL 2004  
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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s (catalyst (l) catalyst support (l) nickel (l) molybdenum (l) ethylene glycol)/lt
106840 CATALYST/LT
18029 CATALYST SUPPORT/LT
23909 NICKEL/LT
17416 MOLYBDENUM/LT
3785 ETHYLENE GLYCOL/LT
L1 0 (CATALYST (L) CATALYST SUPPORT (L) NICKEL (L) MOLYBDENUM (L)
    ETHYLENE GLYCOL)/LT

=> s (catalyst and nickel and molybdenum and ethylene glycol)
128422 CATALYST
24321 NICKEL
17548 MOLYBDENUM
36734 ETHYLENE
15172 GLYCOL
4446 ETHYLENE GLYCOL
    (ETHYLENE(W) GLYCOL)
L2 39 (CATALYST AND NICKEL AND MOLYBDENUM AND ETHYLENE GLYCOL)

=> s hydrodesulfurization/ct
L3 4248 HYDRODESULFURIZATION/CT

=> s l2 and l3
L4 7 L2 AND L3

=> d 1-7

L4 ANSWER 1 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION
Full Text
INC. on STN
AN 2002:9851 ENCOMPAT;ENCOMPAT2
DN P200214637
TI Preparation of catalyst composition useful in hydroprocessing of
hydrocarbon feedstocks, involves incorporating organic oxygen-containing
additive at any time of reaction of metal components
IN CERFONTAIN M B; EIJSBOUTS S; PLANTENGA F L
PA CERFONTAIN M B; EIJSBOUTS S; PLANTENGA F L; AKZO NOBEL NV
PI WO 2002004117 20020117
DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR;
CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL;
IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG;
MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ;
TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA;
ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT;
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SD; SE; SL; SZ; TR; TZ; UG; ZW  
 AI WO 2001-EP7733 20010705  
 PRAI US 2001-277733P 20010331  
 EP 2000-202468 20000712  
 OS DERWENT 2002291759  
 LA English

L4 ANSWER 2 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN  
 AN 97:2906 ENCOMPAT;ENCOMPAT2  
 DN 9710618  
 TI Activating hydrotreating **catalyst** comprising Gp.-VIII and Gp.-VI  
 hydrogenation metal oxide(s) on carrier - by contacting with additive  
 contg. at least two hydroxyl gps. or polyether(s) and drying, giving high  
 desulphurising and de-nitrogenating powers  
 IN UEKUSA K; URAGAMI Y; YAMAGUCHI E; YOKOZUKA H  
 PA SUMITOMO METAL MINING CO  
 PI WO 9641848 961227  
 DS AL; AM; AT; AU; AZ; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI;  
 GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LS; LT; LU; LV; MD;  
 MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM;  
 TR; TT; UA; UG; US; UZ; VN; AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GR;  
 IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG  
 AI WO 1996-IB565 960607  
 PRAI JP 1995-166783 950608  
 OS DERWENT 97065443  
 LA English

L4 ANSWER 3 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN  
 AN 95:9335 ENCOMPAT;ENCOMPAT2  
 DN 9512316  
 TI **Catalyst** for hydrogenative desulphurisation and denitration of  
 hydrocarbon oil - contg. boria-silica-alumina composite, **catalyst** metal,  
 polyol and organic sulphur cpd.  
 PA SUMITOMO METAL MINING CO  
 PI JP 7232078 950905  
 AI JP 1994-167616 940720  
 PRAI JP 1993-331646 931227  
 OS DERWENT 95339426

L4 ANSWER 4 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN  
 AN 95:9334 ENCOMPAT;ENCOMPAT2  
 DN 9512315  
 TI **Catalyst** for hydrogenative desulphurisation denitration of hydrocarbon  
 oil - contains boria-silica-alumina composite, **catalyst** metal and polyol  
 PA SUMITOMO METAL MINING CO  
 PI JP 7232077 950905  
 AI JP 1994-128503 940610  
 PRAI JP 1993-331647 931227  
 OS DERWENT 95339425

L4 ANSWER 5 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN  
 AN 93:4136 ENCOMPAT;ENCOMPAT2  
 DN 9351723  
 TI 2-Methyl-naphthalene prodn. - from oil contg. 1-methyl-naphthalene, by

isomerisation after azeotropic distn. with **ethylene glycol**, useful as intermediate for pharmaceuticals e.g. vitamin-K

IN HORITA T; NOBUSAWA T; SUZUKI T; TAKAGI Y  
 PA KAWASAKI STEEL CORP  
 PI EP 528384 930224  
 DS DE; FR; GB; IT  
 AI EP 1992-113924 920814  
 PRAI JP 1992-54817 920313  
 JP 1991-205784 910816  
 OS DERWENT 93060262  
 LA English

L4 ANSWER 6 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 93:1452 ENCOMPAT;ENCOMPAT2  
 DN 9310407

TI Method for refining methylnaphthalene contg. oil - comprising azeotropically distilling with **ethylene glycol** and hydrodesulphurising in the presence of a supported **molybdenum**, cobalt or **nickel catalyst**

IN NOBUSAWA T; SUZUKI T; TAKAGI Y  
 PA KAWASAKI STEEL CORP  
 PI EP 518294 921216  
 DS DE; FR; GB; IT  
 AI EP 1992-109756 920610  
 PRAI JP 1992-54817 920313  
 JP 1991-139026 910611  
 OS DERWENT 92417195  
 LA English

L4 ANSWER 7 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 92:7572 ENCOMPAT;ENCOMPAT2  
 DN 9212039

TI Hydrocarbon oil hydrogenation **catalyst** prodn. - comprising drying **catalyst** loaded with gp-VI and VIII metals which is mixed with polyol and impregnated on pref. alumina support

PA Sumitomo Metal Mining Co  
 PI JP 4166232 920612  
 PRAI JP 1990-288476 901029  
 OS DERWENT 92246394

=> s (catalyst and nickel and molybdenum and (saccharide or polysaccharide))

128422 CATALYST  
 24321 NICKEL  
 17548 MOLYBDENUM  
 139 SACCHARIDE  
 2431 POLYSACCHARIDE

L5 28 (CATALYST AND NICKEL AND MOLYBDENUM AND (SACCHARIDE OR POLYSACCHARIDE))

=> s l3 and l5

L6 7 L3 AND L5

=> d 1-7

L6 ANSWER 1 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN

AN 2002:9852 ENCOMPAT;ENCOMPAT2

DN P200214638  
 TI **Catalyst** composition for hydrotreating hydrocarbon feed stocks, comprises VIII group non-noble metal component(s) and at least two VIB group metal components, and combustible binder material  
 IN EIJSBOUTS S  
 PA EIJSBOUTS S; AKZO NOBEL NV  
 PI WO 2002004118 20020117  
 DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW  
 AI WO 2001-EP7734 20010705  
 PRAI US 2001-277732P 20010321  
 EP 2000-202467 20000712  
 OS DERWENT 2002291760  
 LA English

L6 ANSWER 2 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION  
Full Text  
 INC. on STN  
 AN 2002:9851 ENCOMPAT;ENCOMPAT2  
 DN P200214637  
 TI Preparation of **catalyst** composition useful in hydroprocessing of hydrocarbon feedstocks, involves incorporating organic oxygen-containing additive at any time at reaction of metal components  
 IN CERFONTAIN M B; EIJSBOUTS S; PLANTENGA F L  
 PA CERFONTAIN M B; EIJSBOUTS S; PLANTENGA F L; AKZO NOBEL NV  
 PI WO 2002004117 20020117  
 DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW  
 AI WO 2001-EP7733 20010705  
 PRAI US 2001-277733P 20010331  
 EP 2000-202468 20000712  
 OS DERWENT 2002291759  
 LA English

L6 ANSWER 3 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION  
Full Text  
 INC. on STN  
 AN 97:2906 ENCOMPAT;ENCOMPAT2  
 DN 9710618  
 TI Activating hydrotreating **catalyst** comprising Gp.-VIII and Gp.-VI hydrogenation metal oxide(s) on carrier - by contacting with additive contg. at least two hydroxyl gps. or polyether(s) and drying, giving high desulphurising and de-nitrogenating powers  
 IN UEKUSA K; URAGAMI Y; YAMAGUCHI B; YOKOZUKA H  
 PA SUMITOMO METAL MINING CO  
 PI WO 9641848 961227  
 DS AL; AM; AT; AU; AZ; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LS; LT; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN; AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG  
 AI WO 1996-IB565 960607

PRAI JP 1995-166783 950608  
 OS DERWENT 97065443  
 LA English

L6 ANSWER 4 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN  
 AN 96:4880 ENCOMPAT;ENCOMPAT2  
 DN 9611220  
 TI **Catalyst** carrier contg. titania - is used for hydrogenation and methylation catalysts and has good physical and mechanical properties.  
 IN LI D; SHEN B; SHEN Y  
 PA DEQING CHEM IND TECHNOLOGY DEV CO  
 PI WO 9614152 960517  
 DS AM; AT; AU; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; ES; FI; GB; GE; HU; JP; KE; KG; KP; KR; KZ; LK; LT; LU; LV; MD; MG; MN; MW; NL; NO; NZ; PL; PT; RO; RU; SD; SE; SI; SK; TJ; TT; UA; US; UZ; VN; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; KE; LU; MC; MW; NL; OA; PT; SD; SE; SZ  
 AI WO 1994-CN87 941104  
 PRAI WO 1994-CN87 941104  
 OS DERWENT 96251603  
 LA Chinese

L6 ANSWER 5 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN  
 AN 96:843 ENCOMPAT;ENCOMPAT2  
 DN 9610288  
 TI Heavy oil hydrogenation **catalyst** - consists of specific support loaded with cpds. of Group-VIA and/or Group-VIII elements, and having specified carbon content  
 PA IDEMITSU KOSAN CO LTD  
 PI JP 7289898 951107  
 AI JP 1994-92659 940428  
 PRAI JP 1994-92659 940428  
 OS DERWENT 96015654

L6 ANSWER 6 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN  
 AN 95:7216 ENCOMPAT;ENCOMPAT2  
 DN 9511884  
 TI Hydrogenative denitration and desulphurisation **catalyst** - comprises oxide support contg. boria, alumina and active metal e.g. chromium, molybdenum, tungsten, cobalt, etc.  
 PA SUMITOMO METAL MINING CO  
 PI JP 7155615 950620  
 AI JP 1993-309081 931209  
 PRAI JP 1993-309081 931209  
 OS DERWENT 95250902

L6 ANSWER 7 OF 7 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING INFORMATION

Full Text

INC. on STN  
 AN 95:7213 ENCOMPAT;ENCOMPAT2  
 DN 9511881  
 TI Hydrogenative denitration desulphurisation **catalyst** - consists of oxide support contg. boria, silica, and alumina, catalytic active metal and additives  
 PA SUMITOMO METAL MINING CO  
 PI JP 7155603 950620  
 AI JP 1993-309082 931209

STN Columbus

PRAI JP 1993-309082 931209  
OS DERWENT 95250890

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